

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Michael J. Murphy, et al.  
Serial No.: Unknown  
Filed: Herewith  
Title: CONVERGENT/DIVERGENT NOZZLE WITH MODULATED  
COOLING

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 AND 1.98**

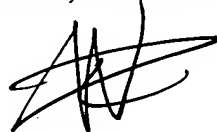
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Provided herewith is Form PTO-1449. The references listed do not disclose the invention claimed in the subject application.

Respectfully submitted,

**CARLSON, GASKEY & OLDS, P.C.**



Dated: January 28, 2004

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David L. Wisz  
Registration No. 46,350  
400 W. Maple Road, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

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Substitute for form 1449A/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Application Number</b>	
			<b>Filing Date</b>	Herewith
			<b>First Named Inventor</b>	Michael J. Murphy
			<b>Art Unit</b>	
			<b>Examiner Name</b>	
			<b>Attorney Docket Number</b>	67,097-040;EH-11002
Sheet	1	of	1	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 4,043,509	08-23-1977	McHugh, et al.	
		US- 4,203,286	05-20-1980	Warburton	
		US- 5,111,992	05-12-1992	Barcza	
		US- 5,141,154	08-25-1992	Barcza	
		US- 5,364,029	11-15-1994	Barcza	
		US- 5,522,546	06-04-1996	Jarvis	
		US- 5,586,431	12-24-1996	Thonebe, et al.	
		US- 5,775,589	07-07-1998	Vdoviak, et al.	
		US- 5,794,851	08-18-1998	Barcza	
		US- 5,799,874	09-01-1998	Eigenbrode, et al.	
		US- 5,813,611	09-29-1998	Cires, et al.	
		US- 6,301,877	10-16-2001	Liang, et al.	
		US- 6,347,510	02-19-2002	McAlice, et al.	
		US- 6,398,129	06-04-2002	Johnson	
		US- 6,607,355	08-19-2003	Cunha, et al.	
		US-			
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[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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